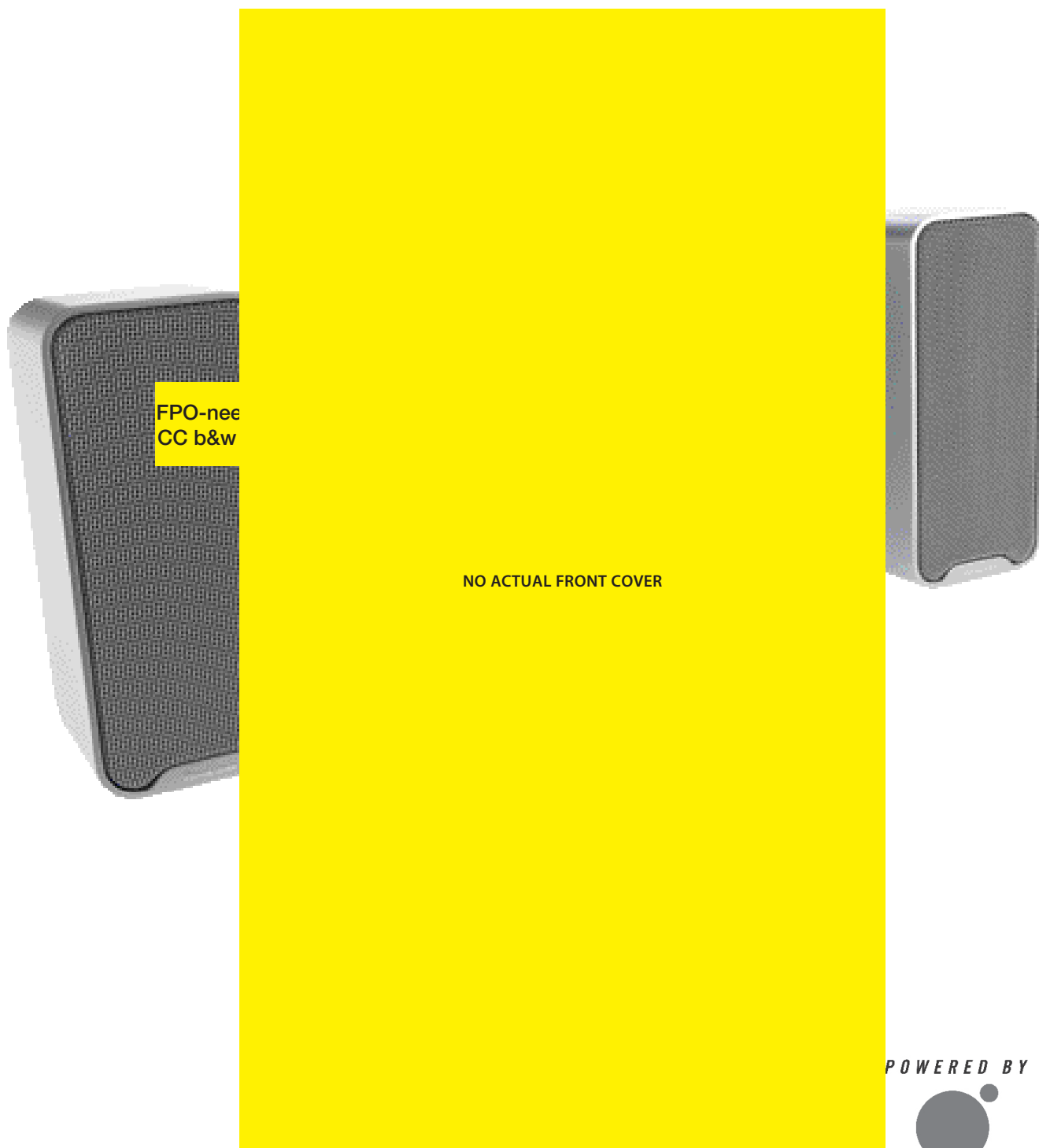


Brookstone®

SongCube™
digital music center



FPO-nee
CC b&w

NO ACTUAL FRONT COVER

POWERED BY



NO ACTUAL INSIDE FRONT COVER

songcube™

digital music center

BETTER BY BROOKSTONE®

We believe that exacting standards are the core of our success.

The SongCube™ Digital Music Center has been thoroughly tested to be certain it meets our rigorous quality control criteria.

Our SongCube™ Digital Music Center lets you contain your entire CD and MP3 music collection in a compact home stereo with amazing sound. Eliminate stacks of CDs, enjoy thousands of digital music files—you can even record your old vinyl LPs. It's about enjoying all your music, old and new. Our SongCube™ Digital Music Center gives you the power.

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safety information

CAUTION

- TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. THERE ARE NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



The lightning flash with arrow-head symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated “dangerous voltage” within the unit’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.

IMPORTANT SAFETY INSTRUCTIONS

1. READ INSTRUCTIONS
All the safety and operating instructions should be read before the unit is operated.
2. RETAIN INSTRUCTIONS
The safety and operating instructions should be retained for future reference.
3. HEED WARNINGS
All warnings on the unit and in the operating instructions should be adhered to.
4. FOLLOW INSTRUCTIONS
All operating and use instructions should be followed.
5. WATER AND MOISTURE
The unit should not be used near water—for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool.
6. CARTS AND STANDS
The unit should be used only with a cart or stand that is recommended by the manufacturer.
7. A UNIT AND CART COMBINATION SHOULD BE MOVED WITH CARE
Quick stops, excessive force, and uneven surfaces may cause the unit and cart combination to overturn.
8. WALL OR CEILING MOUNTING
The speakers should be mounted to a wall or ceiling only as recommended by the manufacturer.

safety information

continued

9. VENTILATION

The unit should be situated so that its location or position does not interfere with its proper ventilation. For example, the unit should not be situated on a bed, sofa, rug or similar surface that may block the ventilation openings or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

10. HEAT

The unit should be situated away from heat sources such as radiators, heat registers, stoves, or other units (including amplifiers) that produce heat.

11. POWER SOURCE

The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit.

12. GROUNDING OR POLARIZATION

Precautions should be taken so that the grounding or polarization means of a unit is not defeated.

13. POWER CORD PROTECTION

Power-supply cord should be routed so that it is not likely to be walked on or pinched by items placed upon or against it, paying particular attention to cord at outlets, convenience receptacles, and the point where it exits the unit.

14. PROTECTIVE ATTACHMENT PLUG

The unit is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.

15. CLEANING

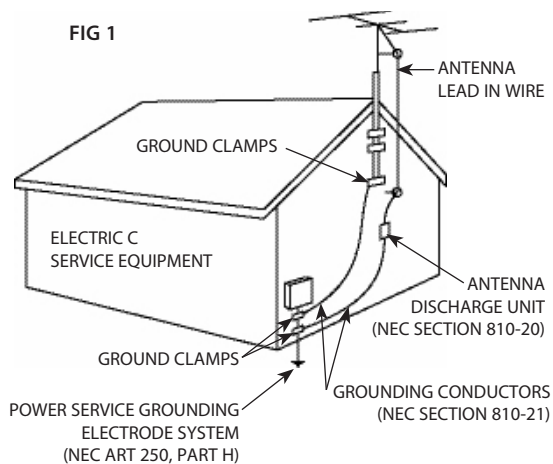
The unit should be cleaned only as recommended by the manufacturer.

16. POWER LINES

An outdoor antenna should be located away from power lines.

17. OUTDOOR ANTENNA GROUNDING

If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure 1.



safety information

continued

18. NONUSE PERIODS

The power cord of the unit should be unplugged from the outlet when left unused for a long period of time.

19. OBJECT AND LIQUID ENTRY

Care should be taken so that objects do not fall and liquids are not spilled into the unit through openings.

20. DAMAGE REQUIRING SERVICE

The unit should be serviced by qualified service personnel when:

- a) The power-supply cord or the plug has been damaged; or
- b) Objects have fallen, or liquid has been spilled into the unit; or
- c) The unit has been exposed to rain; or
- d) The unit does not appear to operate normally or exhibits a marked change in performance; or
- e) The unit has been dropped, or the enclosure damaged.

21. SERVICING

The user should not attempt to service the unit beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

22. LIGHTNING STORMS

The power cord of the unit should be unplugged from the outlet during lightning storms.

23. ATTACHMENTS

Only use attachment and accessories specified by the manufacturer.

LASER SAFETY

Laser CD players use invisible laser light and are equipped with safety switches to avoid exposure when the door is open and safety interlocks are defeated. It is dangerous to defeat or bypass safety switches. Avoid direct exposure to laser beam.

Note: Do not look directly into the laser. It may cause damage to eyes.

CLASS 1 LASER PRODUCT

This appliance is classified as a CLASS 1 LASER product. This label is located on the rear exterior. Hazardous laser radiation is present when the unit is open and interlocks are defeated.



safety information

continued

CAUTION

This unit has a polarized plug (one blade is wider than the other). As a safety feature, this plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.

CAUTION

To avoid risk of electric shock, fire and to prevent damage to the unit:

- Do not remove screws, covers or cabinets.
- Do not obstruct any open spaces on the unit.
- Maintain adequate ventilation underneath the unit by placing it on a level surface that is at least 4 inches off the ground.

IMPORTANT

This unit may be sensitive to high levels of static electricity. If the unit powers off or the display becomes irregular, reset by unplugging the power cord for a minimum of 15 seconds.

BATTERY PRECAUTIONS

- Dispose of the old batteries properly. Do not dispose of the old batteries in a fire.
- Do not leave the batteries lying around where a child or pet could play with or swallow them. If the batteries are swallowed, contact a physician immediately.
- Batteries may explode if mistreated. Do not attempt to recharge or disassemble the batteries.

safety information

continued

FCC INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital devices, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

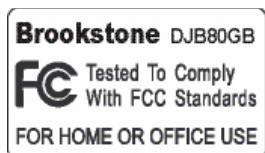
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RULES AND WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's right to operate the equipment.



WARNING

- Use of any controls or procedures other than those specified here may result in hazardous radiation exposure.
- These servicing instructions are for use by qualified service personnel only.
- To reduce the risk of electric shock, do not service the unit unless you are qualified to do so.

SAVE THESE INSTRUCTIONS



end-user license agreement

USE OF THIS PRODUCT IMPLIES ACCEPTANCE OF THE TERMS BELOW.

This product contains technology and data from Gracenote of Emeryville, California ("Gracenote"). The technology from Gracenote (the "Gracenote Embedded Software") enables this product to do disc identification and obtain music-related information, including name, artist, track, and title information ("Gracenote Data", which is included on the Gracenote Database (the "Gracenote Database").)

You agree that you will use Gracenote Data, the Gracenote Database, and Embedded Software for your own personal non-commercial use only. You agree that you will access Gracenote Data only by means of the standard end user functions and features of this product. You agree not to assign, copy, transfer or transmit the Embedded Software or any Gracenote Data to any third party. **YOU AGREE NOT TO USE OR EXPLOIT GRACENOTE DATA, THE GRACENOTE DATABASE, OR GRACENOTE COMPONENT, EXCEPT AS EXPRESSLY PERMITTED HEREIN.**

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system set up

Assembling the System

Ensure the subwoofer is switched off before plugging the power cord in and attaching the speakers.

1. Insert one end of the SUBWOOFER CABLE into TO SUBWOOFER on the back of the main unit and the other end into TO MAIN UNIT on the back of the subwoofer.
2. Insert the right-angled end of the red SPEAKER CABLE into R on the back of the right speaker and the other end into the R on the back of the subwoofer.
3. Insert the right-angled end of the white SPEAKER CABLE into L on the back of the left speaker and the other end into L on the back of the subwoofer.
4. Plug the power cord into an electrical outlet.
5. Turn ON/OFF on the back of the subwoofer to the On position.

Note:

- The unit takes approximately 20 seconds to boot. After the unit boots, BOOT SUCCESS appears on the display and the unit goes into Standby Mode.
- The speakers are not magnetically shielded and may cause distortion to your television. If this occurs, move the speakers away from your television.
- Use only the speakers that came with the unit. Using other speakers may damage the unit.

Connecting an Audio Source to the Unit

You can play music from another audio source on the unit.

1. Insert one end of the MP3 CABLE into your audio source's or portable MP3 player's headphone jack and the other end into AUX 1 on the main unit. This is Aux 1.

Note:

- If your audio source does not have a headphone jack, insert one end of a standard Red/White output cable (not included) into AUX 2 R/L on the back of the main unit (this is Aux 2) and the other end into CD or AUX on your audio source.
 - If you would like to use AUX 1 on the front of the unit, insert the single end of a Y adapter cable (not included) into AUX 1. Insert one end of a standard Red/White output cable (not included) into the dual end of the Y adapter cable and the other end into CD or AUX on your audio source.
2. Press INPUT to select either Aux 1 or Aux 2 depending on the auxiliary jack in which you inserted the cable.



system setup

continued

Connecting the Unit to Your Home Stereo System

You can play music from the unit through your home stereo system.

Insert one end of a digital audio cable (not included) into DIGITAL OUT on the back of the main unit and the other end into CD or AUX on your audio source.

Or, insert one end of a standard Red/White output cable (not included) into LINE OUT R/L on the back of the main unit and the other end into CD or AUX on your audio source.

Mounting the Speakers to a Wall

1. Make two marks on the wall for each speaker, ensuring the speakers will be level.
2. Insert a screw (one for each speaker) into the wall.
Note: Use appropriately sized screws. It is recommended to use wall anchors (not included).
3. Place the WALL MOUNT KEY HOLES over the nail or screw, ensuring the narrow parts of the WALL MOUNT KEY HOLES connect securely with the nail or screw.
4. Run the SPEAKER CABLES through the RECESSES to keep them straight and organized.

FIG 2

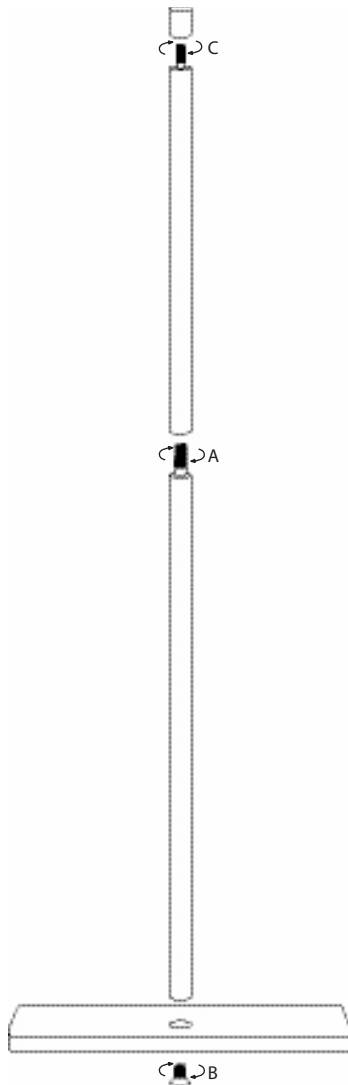


FIG 3



system setup

continued

Assembling the Speaker Stands

1. Connect the RODS to each other. See Figure 2A.
2. Insert the female end of the ROD into the ROD HOLE on the BASE. See Figure 2B.
3. Insert the STAND SCREW into the SCREW HOLE on the BASE and tighten with a large Phillips screwdriver. See Figure 2B.
4. Place the three RUBBER CLIPS over each ROD.
5. Position one RUBBER CLIP on the bottom of the rod, one in the middle and one at the top.
6. Place the LOCKING NUT over the male end of the ROD and turn clockwise to tighten. See Figure 2C.

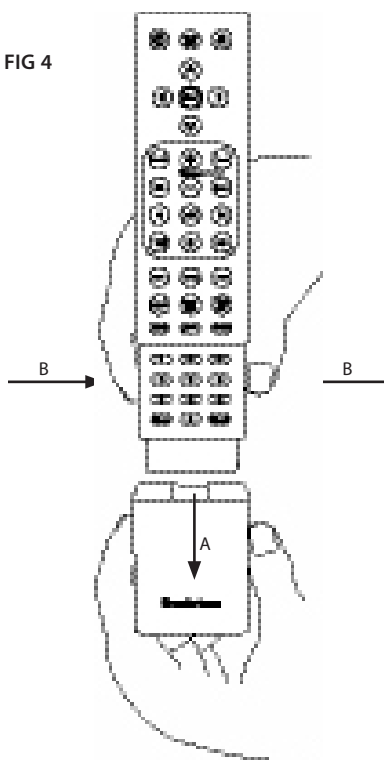
Attaching the Speakers to the Speaker Stands

1. Using a large slotted screwdriver, remove the SPEAKER SCREW from the bottom of the speaker.
2. Remove the SPEAKER BASE. See Figure 3.
3. Place the SPEAKER SCREW HOLE over the male end of the ROD and turn the speaker clockwise. Do not tighten completely.
4. With the speaker facing your desired direction, turn the LOCKING NUT counterclockwise to secure the speaker in place.
5. Run the SPEAKER CABLES through the RUBBER CLIPS to keep them straight and organized.


system setup

continued

FIG 4



Inserting the Remote Control Batteries

1. Pull down on the NUMBER PAD COVER. See Figure 4A.
2. Squeeze the sides of the remote control and pull the NUMBER PAD COVER off. See Figure 4B.
3. Push down on  and slide the BATTERY COMPARTMENT COVER off.
4. Insert 2 AA batteries (included) according to polarity indicators inside the compartment.
5. Replace the BATTERY COMPARTMENT COVER and NUMBER PAD COVER.

Using the Remote Control

To use the remote control, point it at the REMOTE CONTROL SENSOR on the main unit to control the system from your listening position.

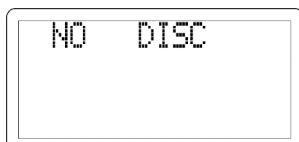
Note:

- Even if the remote control is within effective range, operation may be compromised by obstacles between the remote control and the main unit. If the remote control is operated near other units which generate infrared rays or if other remote control devices using infrared rays are used near the main unit, the remote control may operate incorrectly. Conversely, it is possible that this remote control may make other units operate incorrectly.
- The remote control backlight will illuminate for 14 seconds each time you press a button.

SCREEN 1



SCREEN 2



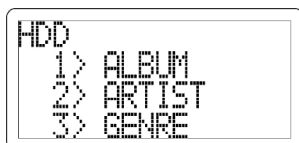
SCREEN 3



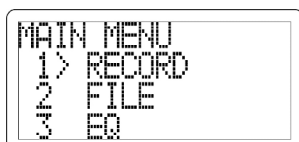
SCREEN 4



SCREEN 5



SCREEN 6




SCREEN 7



system operation

Turning the Main Unit On/Off

With the subwoofer on, press  on the main unit or remote control. Screens 1 and 2 appear on the display.





Press  on the main unit or remote control again to turn off the unit.

Note:

- The unit goes into Standby mode when the power is turned off. The backlight no longer illuminates and the clock displays.
- Screen 3, 4, 1 and 5 appear on the display when the unit is turned back on after being in Standby mode for at least two hours.
- Screen 1 appears on the display when the unit is turned back on after being in Standby mode for less than two hours. The unit reverts to the mode in which it was prior to being turned off.







Setting the Clock

The clock can only be set using the remote control. The unit must be in Standby mode. Refer to *Turning the Main Unit On/Off*.

1. Press and hold CLOCK on the remote control until the hour starts blinking on the display.
2. Press  or  on the remote control incrementally until the correct hour displays.
3. Press CLOCK on the remote control again and the minutes start blinking on the display.
4. Press  or  on the remote control incrementally until the correct minutes display.
5. Press CLOCK on the remote control again to save your selections.

Note: To view the clock when the unit is on, press CLOCK on the remote control. The clock will display for five seconds and then return to the previous screen.

Selecting 12- or 24-Hour Format








1. With the unit on, press SET UP on the main unit or remote control. Screen 6 appears on the display.
2. Press  or  on the main unit or remote control to locate CLOCK, then press OK or . Screen 7 appears on the display.
3. Press  or  on the main unit or remote control to select either 24HR or AM-PM, then press OK or .

Using Headphones or Earbuds














Insert your headphones' or earbuds' cable into  on the main unit.

cd/MP3 operation

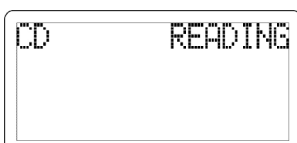
Playing Your CDs

1. Press OPEN  on the main unit or  on the remote control to open the CD COMPARTMENT DOOR.
2. Insert your disc with the label facing up.
3. Press OPEN  on the main unit or  on the remote control to close the CD COMPARTMENT DOOR. Screens 8-12 appear on the display and the first track begins playing automatically.
4. Press  or  on the main unit or remote control to scroll through the tracks and locate a specific song you want to play.
5. Press OK or  on the main unit or remote control to begin playback.

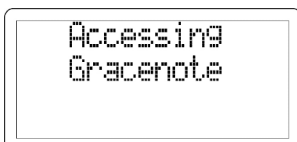
Note:

- If the CD compartment is empty, Screen 2 appears on the display.
- If the unit cannot read the disc, or if it is damaged, Screen 13 appears on the display.
- Press CD  on the unit or  on the remote control to pause playback. Press CD  on the unit or  on the remote control again to resume playback.
- To skip through tracks, press PREVIOUS  or NEXT  on the main unit or  or  on the remote control.
- To fast forward or rewind within a song, press and hold  or  on the remote control.
- To completely stop playback, press STOP  on the main unit or  on the remote control.
- You may go back to a previous menu at any time by pressing  on the main unit or remote control.

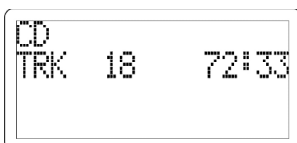
SCREEN 8



SCREEN 9



SCREEN 10



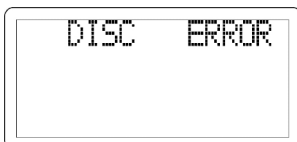
SCREEN 11



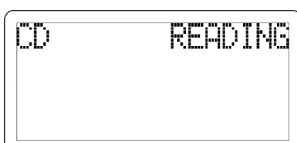
SCREEN 12



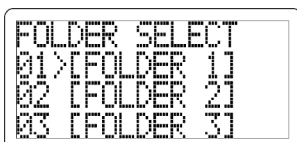
SCREEN 13



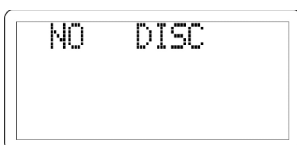
SCREEN 1



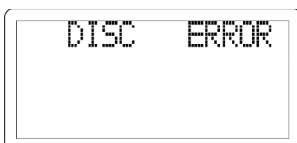
SCREEN 2



SCREEN 3



SCREEN 4



cd/MP3 operation

continued

Playing Your MP3 Discs

1. Press OPEN on the main unit or on the remote control to open the CD COMPARTMENT DOOR.
2. Insert your MP3 disc with the label facing up.
3. Press OPEN on the main unit or on the remote control to close the CD COMPARTMENT DOOR. Screen 1 and Screen 2 appear on the display.

Note: If your MP3 songs are not organized in folders on your disc, the first track begins playing automatically. Screen 2 does not appear. Go to Step 6.

4. Press or on the main unit or remote control to locate your desired folder.
5. Press OK or on the main unit or the remote control to enter the folder.

Note: If the folder is empty, the name of the folder and EMPTY appear on the display. Press to return to the FOLDER SELECT screen and choose another folder.

6. Press or on the main unit or remote control to scroll through the tracks and locate a specific song you want to play.
7. Press OK or on the main unit or remote control to begin playback.

Note:

- If the CD compartment is empty, Screen 3 appears on the display.
- If the unit cannot read the disc, or if it is damaged, Screen 4 appears on the display.
- Press CD on the unit or on the remote control to pause playback. Press CD on the unit or on the remote control again to resume playback.
- To skip through tracks, press PREVIOUS or NEXT on the main unit or or on the remote control.
- To fast forward or rewind within a song, press and hold or on the remote control.
- To completely stop playback, press STOP on the main unit or on the remote control.
- You may go back to a previous menu at any time by pressing on the main unit or remote control.



cd/MP3 operation

continued

Repeating a CD or MP3 Song or Album

You can choose to repeat one song or an entire album.

To repeat one song, press RPT on the remote control until REPEAT 1 appears on the display.

To repeat an entire CD album, press RPT on the remote control until REPEAT ALL appears on the display.

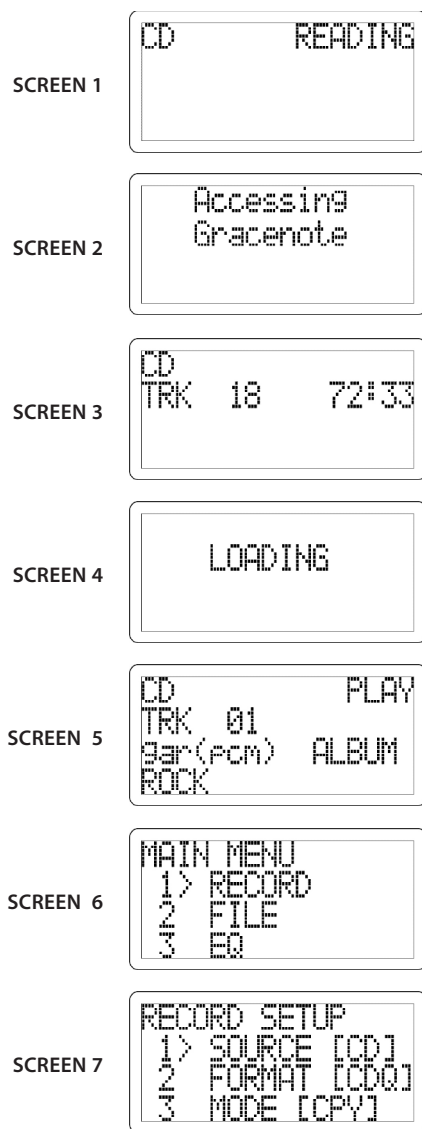
To repeat an entire MP3 folder, press RPT on the remote control until REPEAT FOLDER appears on the display.

To resume normal play, press RPT until REPEAT OFF appears on the display.

Playing a CD or MP3 Song or Album in Random Order

To play songs in random order, press RDM on the remote control until RANDOM ON appears on the display.

To resume normal play, press RDM until RANDOM OFF appears on the display.



MP3-Quality vs. CD-Quality Songs

An MP3-quality song is one that has been compressed into a smaller file. Doing so allows you to store more songs on a disc or hard drive, however some of the song quality is lost.

A CD-quality song is one that has maintained its original recording integrity. As a result, CD-quality songs take up more space on a disc or hard drive.

ripping/copying music

WARNING

- Selecting **SYSTEM FORMAT** on the Main Menu screen will delete all files from the hard drive.
- Back-up all music files. This unit should not be the only location for your music files.

Ripping Music onto the System's Hard Drive

You can rip music onto the system's hard drive using the Set Up feature or the CD-RIP feature.

The Set Up feature allows you to:

- customize your ripping parameters
- rip store-bought CDs and MP3 discs
- copy music from the built-in FM radio or from an external audio source (including a record player)

The CD-RIP feature rips store-bought CDs and MP3 discs using your customized ripping parameters.

If you do not customize your settings, the unit defaults to MP3-quality for the FORMAT and Play-Copy for the MODE.

If you want to change the ripping parameters, use the Set Up feature.

Ripping Store-Bought CDs Using the Set Up Feature

1. Press OPEN on the main unit or on the remote control to open the CD COMPARTMENT DOOR.
2. Insert your disc with the label facing up.
3. Press OPEN on the main unit or on the remote control to close the CD COMPARTMENT DOOR. Screens 1-5 appear on the display and the first track will begin playing automatically.
4. Press SET UP on the main unit or remote control. Screen 6 appears on the display.
5. Press or on the main unit or remote control, select RECORD and press OK or . Screen 7 appears on the display.
6. Press or on the main unit or remote control, select SOURCE and press OK or . Screen 8 appears on the display.
7. Press or on the main unit or remote control, select CD and press OK or . You return to the RECORD SETUP screen.
8. Press or on the main unit or remote control, select FORMAT and press OK or . Screen 9 appears on the display.
9. Press or on the main unit or remote control, select either MP3 or CD-QUALITY and press OK or . You return to the FORMAT SETUP screen.

Note:

- The unit holds approximately 20,000 MP3-quality songs and approximately 1,500 CD-quality songs. For additional information, refer to *MP3-Quality vs. CD-Quality Songs* on the left.

ripping/copying music

continued

SCREEN 8

```
SOURCE SETUP
> CD
  TUNER
  AUX IN
```

SCREEN 9

```
FORMAT SETUP
MP3
> CD-QUALITY
```

SCREEN 10

```
REC-MODE
PLAY-COPY
> COPY
```

SCREEN 11

```
Accessing
Gracenote
```

SCREEN 12

```
CD NAME
All-Time Greatest
[CONTINUE]
```

SCREEN 13

```
NO MUSIC INFO
CONTINUE?
YES [NO]
```

SCREEN 14

```
COPY MODE
1> DISC COPY
2 TRACK COPY
```

SCREEN 15

```
STOP RECORDING
NOW?
YES [NO]
```

- If you select MP3 format, the songs compress after you shut the unit off. The compression time is equal to the length of the CD.
- 10. Press **▲** or **▼** on the main unit or remote control, select MODE and press OK or **➤**. Screen 10 appears on the display.
- 11. Press **▲** or **▼** on the main unit or remote control, select PLAY-COPY (to listen as it rips) or COPY and press OK or **➤**. You return to the RECORD SETUP screen.

Note: Ripping time for PLAY-COPY mode is the same as the length of the song. Ripping time for COPY mode is 4X faster.
- 12. Press **▲** or **▼** on the main unit or remote control and select START to begin the ripping process. Screen 11 appears on the display indicating the unit is checking the hard drive for disc information.

Note:

 - If disc information is located, Screen 12 appears on the display. Press OK on the main unit or remote control if you want to continue or STOP **■** on the main unit or **■** on the remote control if you do not want to continue.
 - If disc information is not located, Screen 13 appears on the display. Press **◀** or **▶** on the main unit or remote control to select either YES or NO. If you choose YES, the Genre appears as UNKNOWN, and the Album and Song Title are given a default numerical name.
- 13. Screen 14 appears on the display. Press **▲** or **▼** on the main unit or remote control and select either DISC COPY (to copy the entire disc) or TRACK COPY (to copy only a specific track).

Note:

 - If you select DISC COPY, the ripping process begins immediately.
 - If you select TRACK COPY, continue to Step 14.
- 14. Press **▲** or **▼** on the main unit or remote control to highlight the track you want to rip.
- 15. Press **➤** to select the track. # appears next to the name. You can select multiple tracks at the same time.

Note: Press **➤** again to deselect a track.
- 16. Press OK on the main unit or remote control to begin the ripping process.

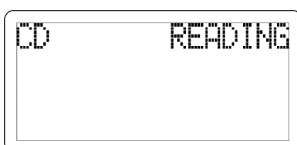
Note:

 - To stop the ripping process at any time, press STOP **■** on the main unit or **■** on the remote control. Screen 15 appears on the display. Press **◀** or **▶** on the main unit or remote control to select YES, then press OK on the main unit or the remote control.
 - To clear the ripping parameters, from the RECORD SETUP Screen, select CANCEL.
 - You may go back to a previous menu at any time by pressing **◀** on the main unit or remote control.

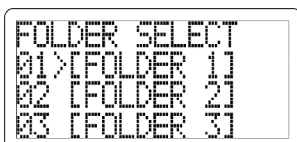
ripping/copying music

continued

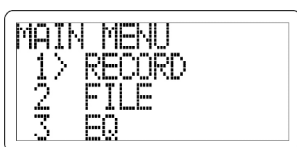
SCREEN 1



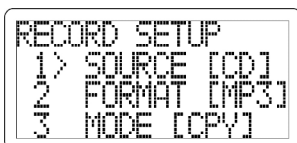
SCREEN 2



SCREEN 3



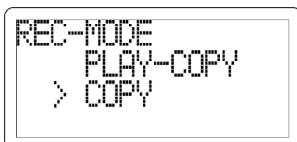
SCREEN 4



SCREEN 5



SCREEN 6



Ripping MP3 Discs Using the Set Up Feature

1. Press OPEN on the main unit or on the remote control to open the CD COMPARTMENT DOOR.
2. Insert your MP3 disc with the label facing up.
3. Press OPEN on the main unit or on the remote control to close the CD COMPARTMENT DOOR. Screen 1 and Screen 2 appear on the display.

Note: If your MP3 songs are not organized in folders on your disc, the first track begins playing automatically. Screen 2 does not appear.

4. Press SET UP on the main unit or remote control. Screen 3 appears on the display.
5. Press or on the main unit or remote control, select RECORD and press OK or . Screen 4 appears on the display.
6. Press or on the main unit or remote control, select SOURCE and press OK or . Screen 5 appears on the display.
7. Press or on the main unit or remote control, select CD and press OK or . You return to the RECORD SETUP screen.
8. Press or on the main unit or remote control, select MODE and press OK or . Screen 6 appears on the display.
9. Press or on the main unit or remote control, select PLAY-COPY (to listen as it rips) or COPY and press OK or . You return to the RECORD SETUP screen.

Note: Ripping time for PLAY-COPY mode is the same as the length of the song. Ripping time for COPY mode is 4X faster.

10. Press or on the main unit or remote control and select START to begin the ripping process. Screen 7 appears on the display indicating the unit is checking the hard drive for disc information.

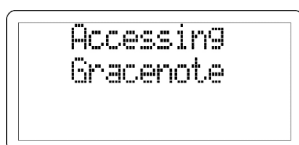
Note:

- If disc information is located, Screen 8 appears on the display. Press OK on the main unit or remote control if you want to continue or STOP on the main unit or on the remote control if you do not want to continue.
- If disc information is not located, Screen 9 appears on the display. Press or on the main unit or remote control to select either YES or NO. If you choose YES, the Genre appears as UNKNOWN, and the Album and Song Title are given a default numerical name.

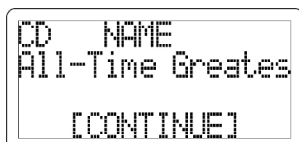
ripping/copying music

continued

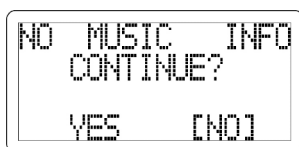
SCREEN 7



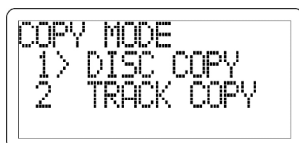
SCREEN 8



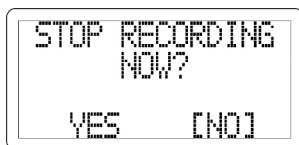
SCREEN 9



SCREEN 10



SCREEN 11



11. Screen 10 appears on the display. Press **▲** or **▼** on the main unit or remote control and select either DISC COPY (to copy the entire disc) or TRACK COPY (to copy only a specific track).

Note:

- If you select DISC COPY, the ripping process begins immediately.
- If you select TRACK COPY, continue to Step 12.

12. Press **▲** or **▼** on the main unit or remote control to highlight your desired folder.

Note: If your MP3 songs are not organized in folders on your disc, go to Step 14.

13. Press OK on the main unit or remote control to enter the folder.

14. Press **▲** or **▼** on the main unit or remote control to highlight the track you want to rip.

15. Press **➤** to select the track. # appears next to the name. You can select multiple tracks at the same time.

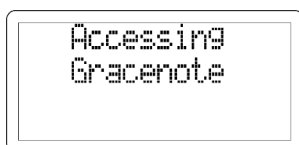
Note: Press **➤** again to deselect a track.

16. Press OK on the main unit or remote control to begin the ripping process.

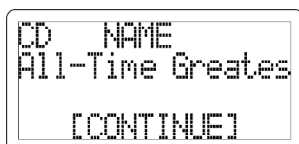
Note:

- You can only rip an MP3 as MP3 format. You cannot rip an MP3 as CD-Quality.
- To stop the ripping process at any time, press STOP **■** on the main unit or **■** on the remote control. Screen 11 appears on the display. Press **◀** or **▶** on the main unit or remote control to select YES, then press OK on the main unit or the remote control.
- To clear the ripping parameters, from the RECORD SETUP screen, select CANCEL.
- You may go back to a previous menu at any time by pressing **◀** on the main unit or remote control.

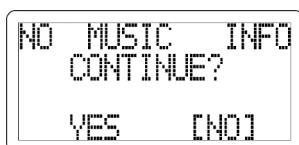
SCREEN 1



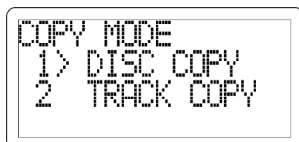
SCREEN 2



SCREEN 3



SCREEN 4



ripping/copying music

continued

Ripping a CD or MP3 Disc Using CD-RIP

The CD-RIP feature rips CD and MP3 discs using the same parameters you set when you used the Set Up feature. If you want to change the ripping parameters, you need to use the Set Up feature again.

1. Press CD RIP on the main unit or the remote control. Screens 1 and 2 appear on the display.
2. Press OK on the main unit or remote control if you want to continue. Press STOP ■ on the main unit or ■ on the remote control if you do not want to continue.

Note: If information for your CD or MP3 is not located on the system's hard drive, Screen 3 appears on the display. Press ◀ or ▶ on the main unit or remote control to select either YES or NO.

3. If you choose to continue, Screen 4 appears on the display. Press ▲ or ▼ on the main unit or remote control to select either DISC COPY (to copy the entire disc) or TRACK COPY (to copy only a specific track).

Note: If you select DISC COPY, the unit starts ripping immediately.

4. If you select TRACK COPY, press ◀ or ▶ on the main unit or remote control to highlight the track you want to rip.
5. Press ▶ to select the track. # appears next to the name. You can select multiple tracks at the same time.

Note: Press ▶ again to deselect a track.

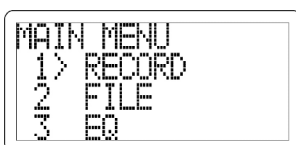
6. Press OK on the main unit or remote control to begin the ripping process.

Note: You may go back to a previous menu at any time by pressing ◀ on the main unit or remote control.

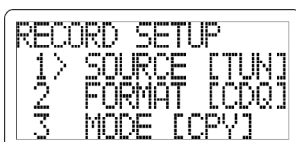
ripping/copying music

continued

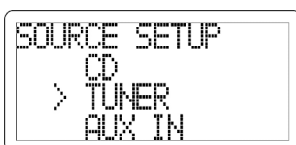
SCREEN 5



SCREEN 6



SCREEN 7



SCREEN 8



Copying Songs from the Radio

1. Locate the radio station you want to record. Refer to *Playing the FM Radio*.
2. Press SET UP on the main unit or the remote control. Screen 5 appears on the display.
3. Press ▲ or ▼ on the main unit or the remote control, select RECORD and press OK or ► on the main unit or remote control. Screen 6 appears on the display.
4. Press ▲ or ▼ on the main unit or the remote control, select SOURCE and press OK or ► on the main unit or remote control. Screen 7 appears.
5. Press ▲ or ▼ on the main unit or remote control, select TUNER and press OK or ► on the main unit or remote control. You return to the RECORD SETUP screen.
6. Press ▲ or ▼ on the main unit or remote control, select FORMAT and press OK or ► on the main unit or remote control. Screen 8 appears on the display.
7. Press ▲ or ▼ on the main unit or remote control, select either MP3 or CD-QUALITY and press OK or ► on the main unit or remote control. You return to the FORMAT SETUP screen.
8. Press ▲ or ▼ and select START.
9. Press OK on the main unit or remote control. The unit begins copying the radio station.

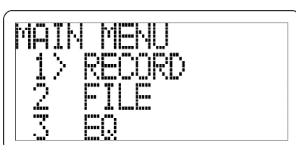
Note:

- The unit continues copying until you stop the process. To stop copying, press STOP ■ on the main unit or ■ on the remote control.
- Press OK to restart the copy process and begin a new track.
- The music you copied appears under LINE IN on the system's hard drive.
- You may go back to a previous menu at any time by pressing ◀ on the main unit or remote control.

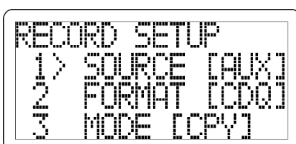
ripping/copying music

continued

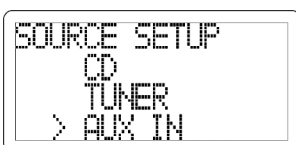
SCREEN 1



SCREEN 2



SCREEN 3



SCREEN 4



Copying Songs from an External Audio Source

1. Connect your audio source to the main unit. Refer to *Connecting an Audio Source to the Unit*.
2. Turn on the power to your external audio source.
3. Press SET UP on the main unit or the remote control. Screen 1 appears on the display.
4. Press **▲** or **▼** on the main unit or the remote control, select RECORD and press OK or **▶** on the main unit or remote control. Screen 2 appears on the display.
5. Press **▲** or **▼** on the main unit or the remote control, select SOURCE and press OK or **▶** on the main unit or remote control. Screen 3 appears on the display.
6. Press **▲** or **▼** on the main unit or remote control, select AUX IN and press OK or **▶** on the main unit or remote control. You return to the RECORD SETUP screen.
7. Press **▲** or **▼** on the main unit or remote control, select FORMAT and press OK or **▶** on the main unit or remote control. Screen 4 appears on the display.
8. Press **▲** or **▼** on the main unit or remote control, select either MP3 or CD-QUALITY and press OK or **▶** on the main unit or remote control. You return to the FORMAT SETUP screen.
9. Press **▲** or **▼** and select START.
10. Press OK on the main unit or remote control. The unit begins copying the music from your external audio source.

Note:

- To copy from AUX 2, press INPUT on the main unit and select AUX 2. Then follow Steps 1-10 above.
- The unit continues copying until you stop the process. To stop copying, press STOP **■** on the main unit or **■** on the remote control.
- Press OK to restart the copy process and begin a new track.
- The music you ripped appears under LINE IN on the system's hard drive.
- You may go back to a previous menu at any time by pressing **◀** on the main unit or remote control.

hard drive operation

SCREEN 5

```

HDD
1> ALBUM
2> ARTIST
3> GENRE
  
```

SCREEN 6

```

ALBUM SELECT
01>[ALBUM 0000]
02 [One Foot In]
  
```

SCREEN 7

```

ARTIST SELECT
01>[ALBUM 0000]
02 [BB Top]
  
```

SCREEN 8

```

GENRE SELECT
01 [Hard Rock]
02>[UNKNOWN]
  
```

Locating and Playing Songs on the System's Hard Drive

You can locate and play a song by Album, Artist or Genre.

1. Press HDD ►/II on the main unit or HDD on the remote control to enter the system's hard drive. Screen 5 appears on the display.
2. Press ▲ or ▼ on the main unit or the remote control to select Album, Artist or Genre, then press OK or ► on the main unit or the remote control.

If you select Album, Screen 6 appears on the display.

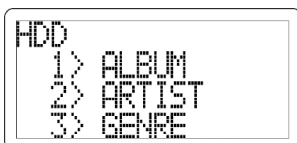
If you select Artist, Screen 7 appears on the display.

If you select Genre, Screen 8 appears on the display.

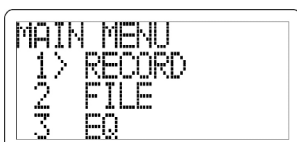
Note: The type of genre that appears on the display depends on the songs stored on the hard drive. (For example, Rock, Classic etc.) The genre type is taken from the songs' ID3 information. If ID3 information is not available, the song appears under the category UNKNOWN.

3. Press ▲ or ▼ on the main unit or the remote control to scroll through the available albums, artists or genres. Then press OK or ► on the main unit or remote control.
4. Press ▲ or ▼ on the main unit or remote control to select your desired song, then press OK or ► on the main unit or the remote control to begin playback.

SCREEN 1



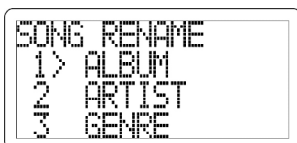
SCREEN 2



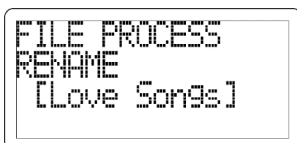
SCREEN 3



SCREEN 4



SCREEN 5



hard drive operation

continued

Renaming a File on the Hard Drive

You can rename a file by Artist, Album or Genre on the unit or on your computer. To rename files on your computer, refer to *Computer Operation*.

1. Press HDD ►/II on the main unit or HDD on the remote control. Screen 1 appears on the display.
2. Press SET UP on the main unit or remote control. Screen 2 appears on the display.
3. Press ▲ or ▼ on the main unit or remote control to select FILE.
4. Press OK on the main unit or remote control. Screen 3 appears on the display.
5. Press ▲ or ▼ on the main unit or remote control to select RENAME.
6. Press OK on the main unit or remote control. Screen 4 appears on the display.
7. Press ▲ or ▼ on the main unit or remote control to select ALBUM, ARTIST, or GENRE.
8. Press OK on the main unit or remote control.
9. Press ▲ or ▼ on the main unit or remote control to select the file you want to rename.
10. Press OK on the main unit or remote control. Screen 5 appears on the display and the first letter of the file name blinks.
11. Press ▲ or ▼ repeatedly on the main unit or remote control to select your desired letter.
12. Press ► on the main unit or remote control to move to the next character in the file name.
13. Repeat Steps 11-12 as required.
14. **Note:** To go back and change a letter, press ◀ on the main unit or remote control.
15. Press OK on the main unit or remote control. OK and CANCEL appear on the display.
16. Press ◀ or ► on the main unit or remote control to select either OK or CANCEL.
17. Press OK on the main unit or remote control to save your selection.

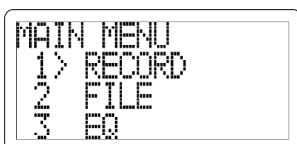
hard drive operation

continued

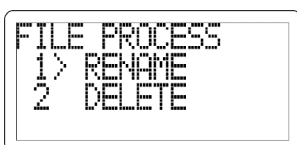
SCREEN 6



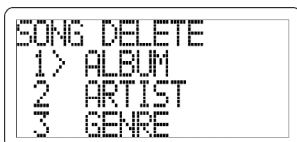
SCREEN 7



SCREEN 8



SCREEN 9



Deleting a File from the Hard Drive

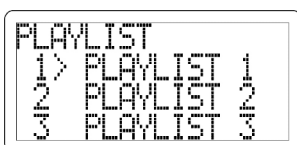
You can delete files by Artist, Album or Track on the unit or on your computer. To rename files on your computer, refer to *Computer Operation*.

1. Press HDD ►/II on the main unit or HDD on the remote control. Screen 6 appears on the display.
2. Press SET UP on the main unit or remote control. Screen 7 appears on the display.
3. Press ▲ or ▼ on the main unit or remote control to select FILE.
4. Press OK on the main unit or remote control. Screen 8 appears on the display.
5. Press ▲ or ▼ on the main unit or remote control to select DELETE.
6. Press OK on the main unit or remote control. Screen 9 appears on the display.
7. Press ▲ or ▼ on the main unit or remote control to select ALBUM, ARTIST, or GENRE.
8. Press OK on the main unit or remote control.
9. Press ▲ or ▼ on the main unit or remote control to select the file you want to delete.
10. Press OK on the main unit or remote control. DELETE FOLDER YES/NO appears on the display.
11. Press ◀ or ▶ on the main unit or remote control to select either YES or NO.
12. Press OK on the main unit or remote control to save your selection.

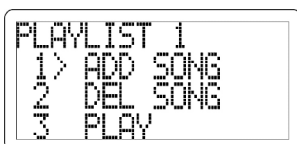
WARNING

Selecting **SYSTEM FORMAT** on the Main Menu screen will delete all files from the hard drive.

SCREEN 1



SCREEN 2



playlist operation

Adding Songs to a Playlist

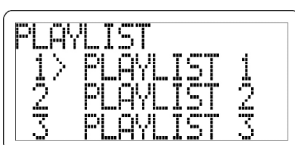
You can add songs to a playlist so you can listen to your favorite songs from one source. Songs can be added to a playlist from the unit or from your computer. To add songs from your computer, refer to *Computer Operation*.

1. Press PLAYLIST on the main unit or remote control. Screen 1 appears on the display.
2. Press ▲ or ▼ on the main unit or remote control to choose the desired playlist and press OK. Screen 2 appears on the display.
3. Press ▲ or ▼ on the main unit or remote control to select ADD SONG and press OK.
You have three ways to add songs:
 - ALBUM
 - ARTIST
 - GENRE
4. Press ▲ or ▼ on the main unit or remote control to select ALBUM, ARTIST or GENRE and press OK.
5. Press ▲ or ▼ on the main unit or remote control to locate your desired album, artist or genre and press OK. A list of songs appears.
6. Press ▲ or ▼ on the main unit or remote control to locate the desired song(s) and press OK after each one. # appears beside each song you have selected.
7. Once you have completed selecting the songs for your playlist, press PLAYLIST. SELECTED TRACKS HAVE BEEN ADDED TO PLAYLIST appears on the display.

Note:

- You may add up to 20 songs to each playlist.
- You may go back to a previous menu at any time by pressing ◀ on the main unit or remote control.
- You may return to the playlist menu at any time by pressing PLAYLIST.

SCREEN 3



SCREEN 4



playlist operation

continued

Deleting Songs from a Playlist

Songs can be deleted from a playlist on the unit or from your computer. To delete songs from your computer, refer to *Computer Operation*.

1. Press PLAYLIST on the main unit or remote control. Screen 3 appears on the display.
2. Press ▲ or ▼ on the main unit or remote control to choose the desired playlist and press OK. Screen 4 appears on the display.
3. Press ▲ or ▼ on the main unit or remote control to select DEL and press OK. A list of previously added songs appear.
4. Press ▲ or ▼ on the main unit or remote control to select the song you want to delete and press OK. SONG REMOVE. REMOVE SELECTION? appears on the display.
5. Press ▲ or ▼ on the main unit or remote control to select YES or NO and press OK. The song is removed from the playlist.
6. To delete more songs from that playlist, repeat Steps 4-5.

Note: You can only delete one song at a time.

Note:

- To return to the playlist menu, press PLAYLIST on the main unit or remote control.
- The DEL function will only remove the playlist entries, but will not remove the song files from the hard drive.

Playing Songs from a Playlist

1. Press PLAYLIST on the main unit or remote control. Screen 3 appears on the display.
2. Press ▲ or ▼ on the main unit or remote control to choose the desired playlist and press OK. Screen 4 appears on the display.
3. Press ▲ or ▼ on the main unit or remote control to select PLAY and press OK. A list of songs appear.
4. Press ▲ or ▼ on the main unit or remote control to locate the desired song and press OK. The selected song begins to play.
Or use the NUMBER PAD to select your desired song and press OK to confirm your selection.

Note: The unit will play the selected song and continue through the end of the playlist, even if your selected song is in the middle of the playlist.

radio operation

Playing the FM Radio

1. Insert the FM ANTENNA WIRE into FM ANTENNA ensuring it is fully extended.
2. Press FM on the main unit or FM on the remote control to enter FM mode.
3. Press ◀ or ▶ on the main unit or remote to select a radio station.
 - With each press, the receiving frequency moves up or down incrementally.
 - If you press and hold, the frequency increases or decreases automatically until a radio station is received.

Programming Radio Stations

You may store up to 20 FM stations into memory.

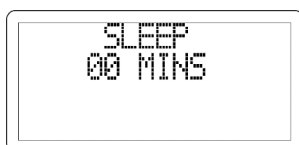
1. In FM radio mode, press ◀ or ▶ on the main unit or remote control to select the desired station.
2. Press PROG on the remote control. MEM and CH appear and 01 flashes on the display.
3. Press PREVIOUS ◀ or NEXT ▶ on the main unit or ◀ or ▶ on the remote control to locate the desired station preset number.
4. Press PROG again to save into memory. CH SAVED appears on the display.
5. Repeat Steps 1-4 to store additional stations.

Recalling Preset Radio Stations

In FM radio mode, press PREVIOUS ◀ or NEXT ▶ on the main unit or ◀ or ▶ on the remote control to locate the desired preset station.

Or if you know your preset station number, enter it using the NUMBER PAD on the remote control.

SCREEN 1



general operation

Adjusting the Volume

Turn the VOLUME WHEEL on the main unit or press **+** or **-** on the remote control to adjust the volume to your desired listening level.

Changing the Sound Quality

You can change the sound quality on the main unit or the remote control.

1. To change the sound quality on the main unit, press SET UP.
2. Press **▲** or **▼**, select EQ, and press OK or **➤**.
3. Press **▲** or **▼**, select Flat, Pop, Rock and Jazz, and press OK or **➤**.

If using the remote control, press EQ repeatedly until your desired sound quality appears on the display.

Adjusting the Bass

Press BASS on the remote control and press **+** or **-** to adjust the bass to your desired level.

Adjusting the Treble

Press TREB on the remote control and press **+** or **-** to adjust the treble to your desired level.

Muting Sound

Press MUTE on the remote control to turn off the sound. MUTE appears on the upper right corner of the display.

Press MUTE again to turn the sound back on. MUTE disappears from the display.

Using the Sleep Function

You can set the unit to shut off automatically after a specified amount of time: 5, 10, 15, 30, 60 or 90 minutes

1. Press SLEEP on the remote control. Screen 1 appears on the display.
2. Press **◀** or **➤** on the main unit or remote control until your desired sleep time appears on the display.
3. Press OK on the main unit or remote control to select your desired sleep time. * appears next to your selection.

general operation

continued

Adjusting the Display Brightness

Turn the DISPLAY DIMMER (located on the back of the main unit) to the left or right to adjust the display's backlight to your desired brightness level.

Resetting the Unit

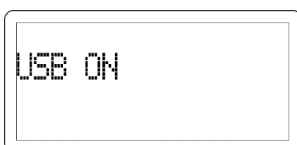
You can reset the unit to its original factory settings.

1. Press SET UP on the main unit or remote control. The Main Menu screen appears.
2. Press ▲ or ▼ on the main unit or remote control to select SYS RESET.
3. Press OK on the main unit or remote control. RESET TO DEFAULT SYSTEM? YES/NO appears on the display.
4. Press ◀ or ▶ on the main unit or remote control to select YES or NO.
5. Press OK. If you select YES, the system reboots.

WARNING

Selecting SYSTEM FORMAT on the Main Menu screen will delete all files from the hard drive.

SCREEN 1



installing software


Installing Jockey Software (Windows XP and 2000)

For Windows XP and 2000, installation of Jockey software is required before connecting the unit to your computer and downloading music. System software can be installed via the SOFTWARE CD or through the unit's hard drive.

Software CD

1. Insert the SOFTWARE CD into your computer's disc drive.
2. Go to My Computer.
3. Double click on the CD drive containing the SOFTWARE CD.
4. Open the JOCKEY FOR DIGITAL MUSIC CENTER folder.
5. Double click "setup.exe" to begin installation.

Unit's Hard Drive

1. Insert one end of the USB CABLE into  on the unit and the other into your computer's USB port. Screen 1 appears on the display.
2. Go to My Computer.
3. Double click on the SOFTWARE drive.
4. Open the JOCKEY FOR DIGITAL MUSIC CENTER folder.
5. Double click "setup.exe" to begin installation.

WARNING

The JBFS_XXXXX drive contains system-generated files. Do not alter the content of these files. Doing so may cause non-recoverable file system failure.

installing software

continued

Installing Jockey Software (Windows 98)

For Windows 98, installation of Jockey software is required before connecting the unit to your computer and downloading music.

1. Insert the SOFTWARE CD into your computer's disc drive.
2. Go to My Computer.
3. Double click on the CD drive containing the SOFTWARE CD.
4. Open the JOCKEY FOR DIGITAL MUSIC CENTER folder.
5. Double click "setup.exe" to begin installation.

Note:

- If the Jockey Software does not recognize the unit, ensure the USB CABLE is connected.
- If the USB CABLE is connected and the Jockey Software does not recognize the unit, refer to *Reinstalling the Jockey Software (Windows 98)*.

Reinstalling Jockey Software (Windows 98)

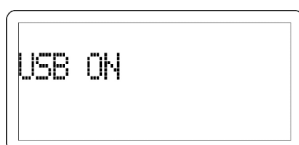
1. Go to Start > Settings > Control Panel.
2. Double click on SYSTEM to open the SYSTEM PROPERTIES window.
3. Click on DEVICE MANAGER.
4. Double click JOCKEY FOR DIGITAL MUSIC CENTER located under OTHER DEVICES.
5. Click on REINSTALL DRIVER.
6. Click CD-ROM DRIVE to search for the driver. If the search is successful, PD480 USB STORAGE ADAPTER appears.
7. Click NEXT to install the software.
8. Follow the installation wizard to install the Win98 driver.

Launching the Jockey Software

After installation, go to Start > Programs > Jockey for Digital Music Center. The software launches.

computer operation

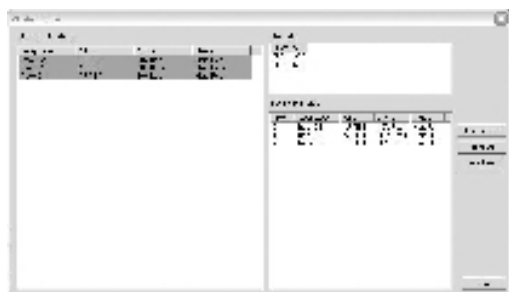
SCREEN 1



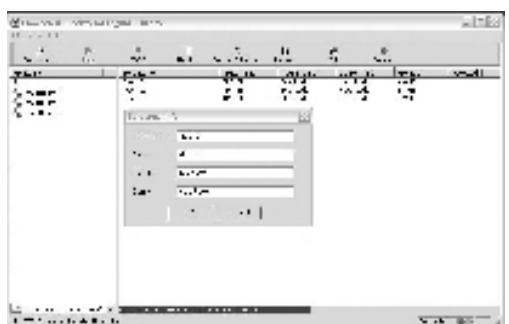
SCREEN 2




SCREEN 3



SCREEN 4



Copying Music from Your Computer

1. Insert one end of the USB CORD into  on the unit and the other end into your computer's USB port. Screen 1 appears on the display.
2. Go to Start > Programs > Jockey for Digital Music Center > Jockey for Digital Music Center. Screen 2 appears.

Note: If you connect the unit to your computer after opening the Jockey for Digital Music Center screen, click CONNECT.

3. Use your mouse to highlight the music on the left side of the Jockey for Digital Music Center screen that you want to copy.
4. Drag the music you selected to the right side of the Jockey for Digital Music Center screen.

Note: You can highlight and drag entire albums or single songs. If you drag an entire album, only the individual song titles appear on the Jockey for Digital Music Center screen.

Creating Playlists from Your Computer

1. Launch the Jockey software and click PLAYLIST. Screen 3 appears.
2. Select your desired playlist (1, 2 or 3).
3. Highlight the song(s) located on the left side of the screen and drag them into the playlist.

Note:

- Each playlist holds 20 songs.
- To delete songs from a playlist, highlight the song(s) you want to remove and click REMOVE SONG.
- To rearrange the order of songs on a playlist, highlight the song(s) you want to move and click MOVE UP or MOVE DOWN.

Editing Song Information from Your Computer

You can edit the song name, artist, album and genre.

1. Launch the Jockey software and highlight the song(s) you want to edit.

Note: If you select more than one song, you cannot edit the song names.

2. Click EDIT. Screen 4 appears.
3. Use your mouse to click on the desired field and edit the song information.

computer operation

continued

Deleting Songs from the Hard Drive Using Your Computer

Launch the Jockey software and highlight the song(s) you want to delete and click DELETE.

WARNING

Clicking **FORMAT JUKEBOX** deletes all songs.

Updating the Jockey Software from Your Computer

The Jockey software requires occasional updating so it can continue to recognize new music.

If the computer you are using with the unit has an Internet connection, use Method 1.

If the computer you are using does not have an Internet connection, use Method 2.

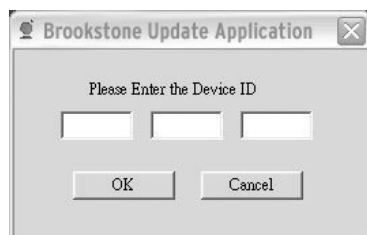
Method 1

1. Log onto the Internet.
2. Go to Start > Jockey for Digital Music Center > Brookstone Update Application.
3. Follow the instructions to register the Gracenote Music Recognition Service. After registration, the unit asks for an auto-matching on an untitled album.
4. Click YES. The unit connects to the Gracenote Music Recognition Service.
5. Potential song matches appear on the bottom of the screen.
6. Select the match and click ACCEPT.

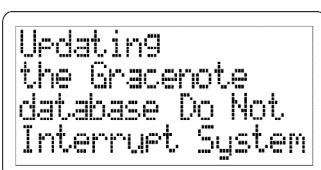
computer operation

continued




SCREEN 1



SCREEN 2



Method 2

1. Insert the SOFTWARE CD into a computer that has an Internet connection.
2. Go to Start > Jockey for Digital Music Center > Brookstone Update Application. Screen 1 appears.
3. Enter the Device ID and click OK. The unit downloads the latest music information from the Internet.
Note: To locate the Device ID, press SET UP and  while in Standby mode. The Device ID is located on the screen under CDDB ID.
4. Remove the SOFTWARE CD and insert a CD-R.
5. Go to C:\Program Files\Jockey for Digital Music Center\Brookstone_Update\Output\ and locate the output.ecu file.
6. Burn the output.ecu file onto the CD-R.
7. Insert the burned CD-R into the unit's DISC COMPARTMENT.
8. Press CD  on the unit or  on the remote control. Screen 2 appears. The unit's hard drive updates automatically. The DISC COMPARTMENT opens automatically and REMOVE CD appears on the display.
9. Remove the CD-R and close the DISC COMPARTMENT. The unit reboots.

Note:

- The update takes 10-15 minutes to complete.
- The Device ID is a unique number assigned to each unit. This number is not transferable to other units.
- The downloaded Jockey Software works only for one unit. The "output.ecu" file or the CD-R it was burned onto cannot be played by or transferred to another user.

care and maintenance

Clean with a soft, dry cloth. If the unit is heavily stained and soiled, wipe with a moistened cloth. Do not use harsh chemicals.



specifications

GENERAL

Power Requirement	AC 120V ~ 60 Hz
Power Consumption	85 W (during use) 26 W (standby mode)
Main Unit Dimensions	6.8 in. x 6.5 in. x 10in (WxHxD)
Weight	Approximately 8 lbs.
Song Capacity	Approximately 20,000 MP3s Approximately 1,500 CD-Quality

AMPLIFIER

Output Power	Main R/L Channel: "8 W per channel min. RMS driven into 8 ohm" at 1 kHz with no more than 10% total harmonic distortion. Subwoofer Channel: "50 W one channel min. RMS driven into 4 ohm" at 70 Hz with no more than 10% total harmonic distortion.
Analog Input	AUX 1/2 input location Sensitivity/Impedance (at 1 kHz) 1 v dBm/47 k ohm
Analog Output	RCA jack output Level/Impedance (at 1kHz CD 0dB Level) 1 v dBm/47 k ohm
Digital Output	Audio digital out (coaxial RCA jack type) 340 mV-pp +/- 20 mV-pp
Speaker Terminals	Main R/L 8 ohm

specifications

continued

SPEAKERS

Active Subwoofer	Main R/L Channel: Per channel, one way 2 inch with two cone speaker 4 ohm (8 ohm load impedance). Max power handling capacity is 15W. Woofer Channel: 2-way bass-reflex type "one way 6.5 inch, one cone speaker." 4 ohm load impedance. Max power handling capacity is 60 W.
Frequency Range	30 Hz - 30,000 Hz
Sound Pressure Level	85 dB/W.M
Main Speaker Box Dimensions	2.75 in. x 6.5 in. x 3.35 in. (W x H x D)
Active Speaker Box Dimensions	8.07 in. x 12.4 in. x 11.6 in. (W x H x D)
Main Speaker Height	Approximately 1.38 lbs.
Active Subwoofer Height	Approximately 18.3 lbs.




TUNER

FM Tuning Range	87.5 MHz - 108.0 MHz
Tuning Step	100 kHz

DISC PLAYER


Playable Discs	Audio CD/MP3/ (CD-R/CD-RW) HDD Playback MP3/WAV File
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troubleshooting guide

Problem	Possible Cause	Action
Little or no sound coming from the speakers or subwoofer.	The speakers are not attached correctly to the main unit.	Insert the SPEAKER CABLES into R and L on the back of the subwoofer. Refer to <i>Assembling the System</i> .
	The sound is muted.	Press MUTE on the remote control to turn the sound on.
	Headphones are inserted into  on the main unit.	Unplug the headphones from  .
FM radio stations cannot be received.	The FM ANTENNA WIRE is not connected correctly.	Insert the FM ANTENNA WIRE into FM ANTENNA on the back of the main unit, ensuring it is fully extended.
An FM station has been preset but cannot be retrieved.	The preset memory has been cleared by unplugging or powering off the subwoofer.	<ol style="list-style-type: none"> 1. Insert the subwoofer's power cord into an electrical outlet. 2. Turn ON/OFF on the back of the subwoofer to the on position. 3. Reprogram the desired FM radio stations.
CD will not play. DISC ERROR or NO DISC appears on the display.	Disc is scratched or dirt is on the data side of the disc.	<ol style="list-style-type: none"> 1. Check the data side of the disc for scratches and dirt. 2. Clean with a soft cloth, starting from the center of the disc and wiping in a straight motion to the outside of the disc.
	The disc (CD-R or CD-RW) is empty (there is no music data on the disc).	Install a disc (CD-R or CD-RW) that contains music data.
	Disc is loaded upside down.	Reload disc with the label side facing up.
Unable to set the clock.	The unit is not in Standby mode.	<ol style="list-style-type: none"> 1. Press  on the main unit or remote control to turn the main unit off. The unit will go into Standby mode. 2. Refer to <i>Setting the Clock</i> to set the clock.

troubleshooting guide

continued

Problem	Possible Cause	Action
After a CD is ripped, the Album, Artist and Track are not listed.	The system's hard drive did not recognize the Artist or Album.	Refer to <i>Updating the System's Hard Drive</i> .
Unable to rip using AUX IN.	Auxiliary input has not been selected.	Prior to AUX IN ripping, select AUX 1 or AUX 2 by pressing INPUT on the main unit or AUX on the remote control.
Unable to access music from the hard drive and/or the display is frozen.	As with any hard drive, the unit is susceptible to "freezing" or "locking up."	1. Turn ON/OFF on the back of the subwoofer to the off position and wait 30 seconds. 2. Turn ON/OFF on the back of the subwoofer to the on position and press RESET on the back of the main unit.
Remote control does not activate functions on the main unit.	The remote control batteries are exhausted.	Replace with fresh alkaline batteries.
	The remote control is too far away from the main unit, the remote control angle is deviated, or there is a solid object between the main unit and the remote control.	Operate the unit inside the remote control's operating range making sure there are no objects blocking the path of the remote. Refer to <i>Using the Remote Control</i> .
Unable to load music files from a computer.	Jockey Software is not installed on the computer.	Refer to <i>Installing the System Software (Windows XP and 2000)</i> or <i>Installing the System Software (Windows 98)</i> .
	The USB CABLE is not attached to the computer and main unit.	Insert one end of the USB CABLE into  on the main unit and the other end into your computer's USB port. Open the Jockey Software.





Red

NOT ACTUAL BACK COVER